

ABSTRACT OF THE DISCLOSURE

The present invention provides a carrying apparatus that prevents an elevating motor and the like from projecting from a stacker crane to hinder the stacker crane from interfering with walls of an automatic warehouse. A traveling vehicle 2 of a stacker crane comprises traveling driving means 20, 20 for wheels 9, and elevation driving means 35 for elevating and lowering a platform 4. Both driving means 20, 35 are arranged so that a longitudinal direction of both driving means 20, 35 is almost parallel with a direction in which the traveling vehicle 2 runs. The traveling vehicle 2 comprises a pair of frames 17, 17 spaced at a predetermined distance from each other and a plurality of connecting members that connect both frames 17, 17 together. Both driving means 20, 35 are arranged outside the respective frames 17. Wheels 9, 9 are arranged in the front and rear, respectively, of the traveling vehicle 2. The traveling driving means 20 is connected to each wheel 9. An elevating pulley 34 for the platform 4 is arranged between the front and rear wheels 9, 9. The elevation driving means 35 is connected to the elevating pulley 34.